

BOARD PRODUCT AND METHOD OF MAKING THE SAME

ABSTRACT OF THE DISCLOSURE

A method of forming a coated boxboard product is provided. A boxboard product is formed without being processed by a Yankee dryer, and further comprises a plurality of fiber plies, including outermost plies forming the top and back sides and comprised of bleached chemical pulp, and medial plies disposed between the outermost plies and

5 comprised of groundwood, pressure groundwood, chemithermo-mechanical pulp, recycled pulp, and/or broke. The boxboard product is precalendered with a surface conditioning device and then coated such that the coated boxboard product has a density of between about 500 kg/m^3 and about 1000 kg/m^3 , and a basis weight of between about 150 g/m^2 and about 400 g/m^2 , and the top side has a PPS-s10 roughness of between about

10 $0.5 \text{ } \mu\text{m}$ and about $2.0 \text{ } \mu\text{m}$ and a Hunter gloss of between about 35% and about 80%.